

012204

17236 U.S. PTO

As modified by Blakely, S koloff, Taylor & Zafman LLP

PTO/SB/05 (03-01)
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031431 U.S. PTO
10/763779

012204

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket N . 42.P10077D2

(maximum 12 characters)

First Named Inventor Qing Ma et al.

Title: MICRO-ELECTROMECHANICAL STRUCTURE RESONATOR FREQUENCY ADJUSTMENT USING RADIANT ENERGY TRIMMING AND LASER/FOCUSED ION BEAM ASSISTED DEPOSITION

Express Mail Label No. EV320120014US

ADDRESS TO: **Mail Stop: Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original and a duplicate for fee processing)
2. **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. **Specification (Total Pages 26)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table,
or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. **Drawings(s) (35 USC 113) (Total Sheets 16)**
5. **Oath or Declaration (Total Pages 4)**
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 18 completed)
 - i. DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. Unsigned.
6. Application Data Sheet. (37 CFR 1.76)
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- 9. _____ Assignment Papers (cover sheet & documents(s))
- 10. _____ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
- _____ b. Power of Attorney
- 11. _____ English Translation Document (if applicable)
- 12. _____ a. Information Disclosure Statement (IDS)/PTO-1449
- _____ b. Copies of IDS Citations
- 13. XX Preliminary Amendment
- 14. XX Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- 15. _____ Certified Copy of Priority Document(s) (if foreign priority is claimed)
- 16. _____ Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- 17A. XX Other: Certificate of mailing with copy of postcard signed by attorney

17B. XX Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.

18A. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet Under 37 C.F.R. 1.76:

_____ Continuation XX Divisional _____ Continuation-in-part (CIP) Of Prior Application No.: 09/738,118, filed December 15, 2000 Examiner Thomas M. Dougherty Group Art Unit 2834
 (which is a _____ continuation/ _____ divisional/ _____ CIP of prior application no. _____,
 which is a _____ continuation/ _____ divisional/ _____ CIP of prior application no. _____) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority. For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that Intel Corporation (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. 011707 Frame No. 0901 (or a copy of which is attached).

19. Correspondence Address

_____ Customer Number or Bar Code Label _____

or

(Insert Customer No. or Attach Bar Code Label here)

X Correspondence Address Below

NAME Todd M. Becker

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard

Seventh Floor

CITY Los Angeles

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ZIP CODE 90025-1026

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Name (PRINT/TYPED): Todd M. Becker

Registration No.: 43,487

Signature: Todd M. Becker

Date: 1-22-04

17236 U.S. PTO
012204

FEE TRANSMITTAL FOR FY 2004

(FY 2004 Begins 10/01/2003)

TOTAL AMOUNT OF PAYMENT (\$) 770.00

Complete if Known:

Application No. New Divisional Patent Application
 Filing Date Herewith
 First Named Inventor Qing Ma et al.
 Examiner Name Not yet assigned
 Art Unit Not yet assigned
 Attorney Docket No. 42.P10077D2

Applicant claims small entity status. See 37 CFR 1.27.

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None
 Deposit Account
 Deposit Account Number : 02-2666
 Deposit Account Name: _____
 The Director is Authorized to do the following with respect to the above-identified Deposit Account:
 Charge fee(s) indicated below.
 Credit any overpayments.
 Charge any additional fees during the pendency of this application.
 Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.
 Charge fee(s) indicated below except for the filing fee.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|-----------------|----------|--------------|----------|------------------------------------|------------|
| Code | Fee (\$) | Code | Fee (\$) | | |
| 1001 | 770 | 2001 | 385 | Utility application filing fee | <u>770</u> |
| 1002 | 340 | 2002 | 170 | Design application filing fee | _____ |
| 1003 | 530 | 2003 | 265 | Plant filing fee | _____ |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | _____ |
| 1005 | 160 | 2005 | 80 | Provisional application filing fee | _____ |
| SUBTOTAL (1) \$ | | | | | <u>770</u> |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | | Extra Claims | Fee from below | Fee Paid |
|--------------------|-----------|-------------------|----------------|----------|
| Total Claims | <u>10</u> | - 20** = <u>0</u> | X <u>18</u> = | <u>0</u> |
| Independent Claims | <u>2</u> | - 3** = <u>0</u> | X <u>0</u> = | <u>0</u> |
| Multiple Dependent | | | | <u>0</u> |

**Or number previously paid, if greater; For Reissues, see below.

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|--|
| Code | Fee (\$) | Code | Fee (\$) | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 |
| 1203 | 290 | 2203 | 145 | Multipl depend nt claim, if not paid |
| 1204 | 86 | 2204 | 43 | **Reissu indep ndent claims ver riginal patent |
| 1205 | 18 | 2205 | 9 | **Reissu claims in excess of 20 and over original patent |

SUBTOTAL (2) \$ 0

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| <u>Large Entity</u> | | <u>Small Entity</u> | | <u>Fee Description</u> | <u>Fee Paid</u> |
|---------------------|-----------------|---------------------|-----------------|--|-----------------|
| <u>Fee Code</u> | <u>Fee (\$)</u> | <u>Fee Code</u> | <u>Fee (\$)</u> | | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | _____ |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | _____ |
| 1053 | 130 | 1053 | 130 | Non-English specification | _____ |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | _____ |
| 1813 | 8,800 | 1813 | 8,800 | Request for inter parties reexamination | _____ |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | _____ |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | _____ |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | _____ |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month | _____ |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month | _____ |
| 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | _____ |
| 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | _____ |
| 1401 | 330 | 2401 | 165 | Notice of Appeal | _____ |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | _____ |
| 1403 | 290 | 2403 | 145 | Request for oral hearing | _____ |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | _____ |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | _____ |
| 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional | _____ |
| 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | _____ |
| 1502 | 480 | 2502 | 240 | Design issue fee | _____ |
| 1503 | 640 | 2503 | 320 | Plant issue fee | _____ |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | _____ |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | _____ |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | _____ |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | _____ |
| 1809 | 770 | 2809 | 385 | For filing a submission after final rejection (see 37 CFR 1.129(a)) | _____ |
| 1814 | 110 | 2814 | 55 | Statutory Disclaimer | _____ |
| 1810 | 770 | 2810 | 385 | For each additional invention to be examined (see 37 CFR 1.129(b)) | _____ |
| 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | _____ |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | _____ |
| 1504 | 300 | 1504 | 300 | Publication fee for early, voluntary, or normal pub. | _____ |
| 1505 | 300 | 1505 | 300 | Publication fee for republication | _____ |
| 1803 | 130 | 1803 | 130 | Request for voluntary publication or republication | _____ |
| 1808 | 130 | 1808 | 130 | Processing fee under 37 CFR 1.17(i) (except provisionals) | _____ |
| 1454 | 1,330 | 1454 | 1,330 | Acceptance of unintentionally delayed claim for priority | _____ |

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$ _____ 0

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Todd M. Becker

Signature: *Todd M. Becker* Date: 1-22-04

Reg. Number: 43,487 T I phon Number: 206-292-8600

Send to: C mmissi n r f r Patents, P.O. B x 1450, Alexandria, VA 22313-1450

Our Reference: 42P10077D2

Patent

MICRO-ELECTROMECHANICAL STRUCTURE RESONATOR FREQUENCY
ADJUSTMENT USING RADIANT ENERGY TRIMMING AND LASER/FOCUSED ION
BEAM ASSISTED DEPOSITION

Inventors: Qing Ma Peng Cheng and Valluri Rao

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

Todd M. Becker

Todd M. Becker
Reg. No. 43,487

"Express Mail" mailing label number: EV320120014US
Date of Deposit: January 22, 2004

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Christina Fernandez

(Typed or printed name of person mailing paper or fee)

Christina Fernandez January 22, 2004
(Signature of person mailing paper or fee) (Date signed)

Serial/Patent No. New Application Filing/Issue Date: Herewith
Client: Intel Corporation
Title: MICRO-ELECTROMECHANICAL STRUCTURE RESONATOR FREQUENCY ADJUSTMENT USING RADIANT ENERGY TRIMMING AND LASER/FOCUSED ION...
BSTZ File No. 42-P10077D2 Atty/Secty Initials: TMB:cff
Date Mailed: January 22, 2004 Docket Due Date: *****

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

| | |
|--|---|
| <input type="checkbox"/> Amendment/Response (____ pgs.) | <input checked="" type="checkbox"/> Express Mail No. <u>EV320120014US</u> <input checked="" type="checkbox"/> Check No. <u>3331</u> |
| <input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate) | <input type="checkbox"/> _____ Month(s) Extension of Time Amt: <u>\$770.00</u> |
| <input checked="" type="checkbox"/> Application - Utility (____ pgs. with cover and abstract) | <input type="checkbox"/> Information Disclosure Statement & PTO-1449 (____ pgs.) <input type="checkbox"/> Check No. _____ |
| <input type="checkbox"/> Application - Rule 1.53(b) Continuation (____ pgs.) | <input type="checkbox"/> Issue Fee Transmittal Amt: _____ |
| <input checked="" type="checkbox"/> Application - Rule 1.53(b) Divisional (<u>26</u> pgs.) | <input type="checkbox"/> Notice of Appeal |
| <input type="checkbox"/> Application - Rule 1.53(b) CIP (____ pgs.) | <input type="checkbox"/> Petition for Extension of Time |
| <input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (____ pgs.) | <input type="checkbox"/> Petition for _____ |
| <input type="checkbox"/> Application - Design (____ pgs.) | <input checked="" type="checkbox"/> Postcard |
| <input type="checkbox"/> Application - PCT (____ pgs.) | <input type="checkbox"/> Power of Attorney (____ pgs.) |
| <input type="checkbox"/> Application - Provisional (____ pgs.) | <input checked="" type="checkbox"/> Preliminary Amendment (<u>5</u> pgs.) |
| <input type="checkbox"/> Assignment and Cover Sheet | <input type="checkbox"/> Reply Brief (____ pgs.) |
| <input checked="" type="checkbox"/> Certificate of Mailing | <input type="checkbox"/> Response to Notice of Missing Parts |
| <input type="checkbox"/> Declaration & POA (<u>4</u> pgs.) | <input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business |
| <input type="checkbox"/> Disclosure Docs & Orig & Copy of Inventor's Signed Letter (____ pgs.) | <input checked="" type="checkbox"/> Transmittal Letter, in duplicate |
| <input checked="" type="checkbox"/> Drawings: <u>16</u> # of sheets includes <u>16</u> figures | <input checked="" type="checkbox"/> Fee Transmittal, in duplicate |

Other: Certificate of mailing with copy of return postcard signed by attorney